

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An Ink jet printhead comprising

a channel plate provided with a plurality of ink channels in at least one surface thereof,

actuators respectively associated with each of the ink channels for pressurizing ink contained in the ink channels,

a flexible sheet covering said surface of the channel plate wherein the plurality of ink channels are formed for preventing exposure of the actuators to ink,

electrodes operatively associated with each of the actuators for individually energizing the actuators; and

means defining an ink reservoir communicating with the ink channels, wherein said ink reservoir is defined by a base member made of a material different from that of the channel plate, wherein the channel plate is held in butting engagement with a surface of the base member in which an ink supply passage is formed for establishing fluid communication between the ink reservoir and the ink channels.

2. (CANCELLED)

3. (Previously Presented) The Ink jet printhead according to claim 1, wherein an adhesive layer is provided between the channel plate and the base member.

4. (CANCELLED)

5. (Original) The Ink jet printhead according to claim 1, wherein the channel plate is made of silicon.

6. (Previously Presented) The Ink jet printhead according to claim 1 and having two separate channel plates, wherein a portion of the base member forms a support plate sandwiched between the two separate channel plates.

7. (WITHDRAWN - Previously Presented) A method of manufacturing an ink jet printhead which comprises:

providing a channel plate having etched into at least one surface thereof a plurality of ink channels,

covering the open sides of the ink channels with flexible sheet,

providing an ink reservoir for communicating with the ink channels, said ink reservoir being defined by a base member made of a material different from that of the channel plate,

providing an actuator block which forms a plurality of actuators, and

operatively associating said actuators with each of the ink channels for pressurizing ink contained therein,

wherein the channel plate, the flexible sheet and the actuator block together to form a unit which is then fitted to the base member.

8. (Previously Presented) An Ink jet printhead comprising

a channel plate provided with a plurality of ink channels in at least one surface thereof,

actuators respectively associated with each of the ink channels for pressurizing ink contained in the ink channels, and

means defining an ink reservoir communicating with the ink channels, wherein said ink reservoir is defined by a base member made of a material different from that of the channel plate, said base member being made of graphite.

9. (Previously Presented) The ink jet printhead according to claim 8, wherein the channel plate is made of silicon.

10. (Previously Presented) The ink jet printhead according to claim 8, and having two separate channel plates, wherein a portion of the base member forms a support plate sandwiched between the two separate channel plates.

11. (Currently Amended) An ink jet printhead comprising:

a channel plate provided with a plurality of ink channels in at least one surface thereof;

a second channel plate having a plurality of ink channels etched into at least one surface thereof;

actuators respectively associated with each of the ink channels for pressurizing ink contained in the ink channels; ~~and~~

electrodes associated with each of the actuators for individually energizing the actuators; and

a base member made of a material different from that of said first and said second channel plate, wherein an ink reservoir is formed, said ink reservoir communicating with the ink channels, and wherein a portion of the base member forms a support plate sandwiched between said first channel plate and said second channel plate.

12. (Currently Amended) An ink jet printhead comprising:

a channel plate provided with a plurality of ink channels in at least one surface thereof;

actuators respectively associated with each of the ink channels for pressurizing ink contained in the ink channels; ~~and~~

electrodes associated with each of the actuators for individually energizing the actuators; and

a base member made of a material different from that of the channel plate, wherein an ink reservoir and ink supply passages are formed, said ink reservoir communicating with the ink channels via the ink supply passages.